

Table 1. Areas of Interest-Diver Descriptions  
San Jacinto Waste Pits Site  
Channelview, Texas  
September 2017

Observation Location	Diver Notes
SW01	1 inch of gravel, and then 4 feet soft material with no refusal. Other areas around this point have 2 ft. of soft material with refusal on hard rock. Next to oyster slant.
SW02	4 feet of exposed soft material with intermittent oyster growth on top of soft material. Variable area. 2x2.
SW03	Base of slope.
SW04	Base of Slope. No refusal.
SW05	Base of slope.
SW06	Couple of feet from base of slope on incline. 2 areas of exposed soft material with no refusal.
NW01	Hole with exposed soft material with solid rock around, no refusal. This is a large area. Other areas near this point with superficial layer of intermittent oyster rock. Exposed soft material with no refusal throughout this area.
NW02	8-10 inches of rock over soft material.
NW03	Large rock scattered on top of 1-2 inches of type A rock. Below is soft material, no refusal.
NW04	Top of slope. 4-6 inches of type A and then soft material. Large rock intermittent.
NW05	1 inch type A rock over soft material, no refusal. Rock is intermittent.
NW06	Gap in large rock. Some type A rock intermittent over exposed soft material. Other areas around have 4-6 inches of type A rock and then soft material.
NW07	Intermittent big rock over exposed soft material, no refusal. Other areas near this point have refusal at 1ft under soft material.
NW08	1 foot soft material on hard rock at base of slope.
NW09	Base of Slope
NE 01	2x2 foot area of exposed soft material. Could be larger area, could not reach. Solid oyster reef on either side of this area.

\*Soft material - This material could be waste material or sediment.

Sample Number	Description of Area	Orion Sample Time	EPA Sample Time	Comments
20	2x2 foot area of exposed sediments surrounded by type A rock with intermittent larger rock. Buoy placed by the soft material to sample. Sand in some areas further away.	10:36	10:41	
21	2x2 foot area of exposed sediments with intermittent type A rock. Area sampled is soft material exposed to surface water.	10:49	10:51	
22	1x1 foot area of exposed sediments. Intermittent type A rock. Surrounding area has type A rock and intermittent large rock.	10:59	11:03	
23	Possible disposition down slope from sample 20.	11:12	11:15	
24	Possible disposition down slope from sample 21.	11:26	11:34	Contractor missed and walked all around buoy before finding it. Buoy moved 4 feet (outside margin of error) when contractor air supply was
25	Possible disposition down slope from sample 22.	11:53	11:55	Orion tried to surface swim over but it was not successful so EPA asked to return to original operations for last sample since EPA diver low on
26	2x2 foot area of exposed sediments. Some intermittent type A and oyster shells.	14:15	14:22	Confirmed buoy location after being caught.
27	2x2 foot area of sediments with soft texture with intermittent small rock.	14:30	14:32	
28	Possible deposition down slope from sample 26.	14:49	14:50	
29	Possible deposition down slope from sample 27.	14:56	14:59	
30	1.5 x 1.5 foot containing clay-like material next to 1.5 x 1.5 foot area consisting of sand. Both areas are surrounded by type A rock	NA	NA	
31	Possible deposition down slope.	NA	NA	
32	Possible deposition down slope.	NA	NA	
33	Area of contained soft sediment exposed to the surface water with intermittent type A rock. On slope.	NA	NA	

Table 3. Diver Logs  
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Date	Diver	Standby	Tender	Divemaster	Time (Start)	Time (End)	Bottom Time	Location/Activity
9/11/2017	A. Howard	A. Humphrey	D. Adams	S. Grossman	12:14	13:11	0:57	Location 141 and 118a Survey from Probing
9/11/2017	A. Howard	A. Humphrey	D. Adams	S. Grossman	13:40	14:09	0:29	Location 118b Survey from Probing
9/11/2017	A. Howard	A. Humphrey	D. Adams	S. Grossman	15:34	16:00	0:26	Location 146 Survey from Probing
9/11/2017	A. Howard	A. Humphrey	D. Adams	S. Grossman	16:30	16:55	0:25	Location 118b Survey from Probing
9/13/2017	S. Grossman	J. Penland	D. Adams	A. Humphrey	11:45	12:58	1:13	Half Circle Search SW01-SW06
9/13/2017	S. Grossman	J. Penland	D. Adams	A. Humphrey	13:36	14:50	1:14	Half Circle Search NW01-NW09
9/13/2017	J. Penland	S. Grossman	D. Adams	A. Humphrey	16:22	17:20	0:58	Half Circle Search NE01
9/15/2017	S. Grossman	A. Humphrey	D. Adams	A. Humphrey	9:00	10:00	1:00	Evaluate Sample Locations 20-25 and place buoys
9/15/2017	S. Grossman	A. Humphrey	D. Adams	A. Humphrey	10:41	11:20	0:39	Sample #20, 21, 22 and 23
9/15/2017	S. Grossman	A. Humphrey	D. Adams	A. Humphrey	11:34	11:36	0:02	Sample #24
9/15/2017	S. Grossman	A. Humphrey	D. Adams	A. Humphrey	11:55	11:59	0:04	Sample #25
9/15/2017	A. Humphrey	S. Grossman	D. Adams	S. Grossman	13:17	14:05	0:48	Evaluate Sample Locations 26-29 and place buoys.
9/15/2017	A. Humphrey	S. Grossman	D. Adams	S. Grossman	14:22	14:35	0:13	Sample #26 and 27
9/15/2017	A. Humphrey	S. Grossman	D. Adams	S. Grossman	14:50	15:02	0:12	Sample #28 and 29
9/15/2017	A. Howard	S. Grossman	D. Adams	A. Humphrey	15:35	16:00	0:25	Place Buoy and Sample #30
9/15/2017	A. Howard	S. Grossman	D. Adams	A. Humphrey	16:12	16:17	0:05	Sample #31
9/15/2017	A. Howard	S. Grossman	D. Adams	A. Humphrey	16:40	16:57	0:17	Place Buoy and Sample #32
9/15/2017	A. Howard	S. Grossman	D. Adams	A. Humphrey	17:10	17:30	0:20	Sample #33